

February 24, 2021

Mr. Paul Feathers
Director of Facilities
Lewiston Porter Central School District
4061 Creek Road
Youngstown, NY 14174

RE: Investigation and Sampling of Drinking Water for Lead Concentrations

Dear Mr. Feathers:

Included with this letter is Stohl Environmental LLC's report for the Water Sampling performed at the educational buildings of the Lewiston-Porter Central School District, including:

- Middle School – 4061 Creek Road, Youngstown, New York.

This report is prepared to assist the District in complying with the requirements of NYS regulations, *SUBPART 67-4: Lead Testing in School Drinking Water*, by identifying the sources of potable water with lead concentrations greater than the NYS "Action Level of 15 parts per billion (ppb)".

The Investigation and Sampling was performed on November 19, 2020. The Protocol for the Investigation followed the requirements of NYS regulations as well as USEPA Technical Guidance Document "3-T's for Reducing Lead in Drinking Water in Schools".

As detailed in Section 1.2 (*Executive Summary*) of the accompanying report, based upon the sampling and analysis performed, 1 source of potable water in the Middle School has been identified as having a lead concentrations in water above the NYS Action Level of 15 parts per billion.

Thank you for the opportunity to be of service to Lewiston-Porter Central School District.

Sincerely,
Stohl Environmental, LLC.



Eric Henderson Jr.
Senior Project Manager

Summary Tabulation

Lead in Drinking Water Investigation

- 1.1. Scope of Work and Sampling Protocol
- 1.2. Executive Summary of Sampling and Analysis
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- 1.5. Laboratory Certifications
- 1.6. Chains of Custody

**Investigation and Sampling
Of Sources of Potable Water
For Lead Concentrations**

Prepared for:

Lewiston-Porter Central School District

Prepared by:



3860 California Road, Orchard Park, New York 14127
PHONE (716) 312-0070 FAX (716) 312-8092
WWW.STOHLENVIRONMENTAL.COM

Conditions as of November 19, 2020

1.1 Scope of Work and Sampling Protocol:

Stohl Environmental was retained by Lewiston-Porter Central School District to perform sampling and analysis of potable water for elevated lead concentrations. Sampling was performed in the following buildings:

- Middle School – 4061 Creek Road, Youngstown, New York.

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within the Middle School. Outlets are defined in NYS regulations as: "a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, or faucets".

Sampling Protocol:

In accordance with NYS regulations, *Subpart 67-4: Lead Testing in School Drinking Water*, and the EPA guidance document, *'3Ts for Reducing Lead in Drinking Water in Schools'*, Stohl Environmental's protocol can be summarized as follows:

- **First-draw samples** of 250 milliliters (mL) were collected from cold water outlets before any water was used. Sampling was coordinated with District representatives to assure that water was motionless in the pipes for a minimum of 8 hours, but not more than 18 hours before sample collection.
- **Laboratory Analysis:** Samples were submitted following strict chain-of-custody protocols to an independent laboratory approved by the NYS Department of Health's Environmental Laboratory Approval Program (ELAP).

1.2 Executive Summary of Sampling and Analysis:

Total Number of Samples Collected by Building Classified by First Draw & Confirmatory Samples:

Building Name	Date of Sample Event	Total Number Samples Collected	First Draw Samples		Confirmatory Samples **	
			Number of Samples at or Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb	Number of Samples at or Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb
Middle School	11/19/2020	18	17	1	N/A	N/A

** Confirmatory samples are samples collected subsequent to "Step 1" First Draw samples to verify initial findings of lead contamination, to assist in problem assessment to determine remediation and/or verify that lead levels are at or below action level post-remediation.

Listing of Outlets Requiring Remediation

Locations of Outlets Analyzed above the NYS Action Level of 15 parts per billion based upon Analysis of First Draw Samples:

Sample #	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
168.2-16	Home EC Clockwise of Last Sample	Sink	38.8

1.3 Response Actions Required Under NYS Regulations, Section 67-4.4:

For outlets analyzed with a lead concentration in excess of the NYS Action Level, regulations require:

- (a) Prohibit use of the outlet until:
 - (1) a lead remediation plan is implemented to mitigate the lead level of such outlet; and
 - (2) test results indicate that the lead levels are at or below the action level;
- (b) provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed;
- (c) report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report; and
- (d) notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report.

1.4 Laboratory Analytical Reports by Building



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Lead in Drinking Water Analysis Report

Report Number: 20-11-03838

Client: Stohl Environmental
 3860 California Road
 Orchard Park, NY 14127

Received Date: 11/27/2020
 Reported Date: 12/28/2020
 Sampled By: Paul Nichols
 Tech Certification #:

Project/Test Address: 2020L-168.2; Lewiston Porter Middle School; 4061 Creek Rd; Youngstown, NY
 14174

Client Number:
 33-5980

Laboratory Results

Fax Number:
 716-312-8092

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-11-03838-001	168.2-1	11/19/2020	KITCHEN DOUBLE SINK NEAR DOOR	1.87	12/24/2020	
20-11-03838-002	168.2-2	11/19/2020	KITCHEN DOUBLE SINK FAR	7.00	12/24/2020	
20-11-03838-003	168.2-3	11/19/2020	KITCHEN DISHWASH SPRAYER	5.45	12/24/2020	
20-11-03838-004	168.2-4	11/19/2020	KITCHEN HANDWASH	7.02	12/24/2020	
20-11-03838-005	168.2-5	11/19/2020	KITCHEN ICE MACHINE	<1.00	12/24/2020	
20-11-03838-006	168.2-6B	11/19/2020	CAFE BOTTLE FILL	<1.00	12/24/2020	
20-11-03838-007	168.2-7	11/19/2020	HOME EC LEFT OF DOOR 400 WING	<1.00	12/24/2020	
20-11-03838-008	168.2-8	11/19/2020	HOME EC CLOCKWISE OF LAST SAMPLE 400	1.17	12/24/2020	
20-11-03838-009	168.2-9	11/19/2020	HOME EC CLOCKWISE OF LAST SAMPLE 400	7.81	12/24/2020	
20-11-03838-010	168.2-10	11/19/2020	HOME EC RIGHT OF DOOR 400	3.86	12/24/2020	
20-11-03838-011	168.2-11B	11/19/2020	BOTTLE FILL 400 WING NEAR 406	<1.00	12/24/2020	
20-11-03838-012	168.2-12	11/19/2020	HOME EC LEFT OF DOOR 500 WING	5.43	12/24/2020	

Environmental Hazards Services, L.L.C

Client Number: 33-5980
 Project/Test Address: 2020L-168.2; Lewiston Porter Middle School; 4061
 Creek Rd; Youngstown, NY 14174

Report Number: 20-11-03838

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-11-03838-013	168.2-13	11/19/2020	HOME EC CLOCKWISE OF LAST SAMPLE	7.12	12/24/2020	
20-11-03838-014	168.2-14	11/19/2020	HOME EC CLOCKWISE OF LAST SAMPLE	2.89	12/24/2020	
20-11-03838-015	168.2-15	11/19/2020	HOME EC CLOCKWISE OF LAST SAMPLE	5.07	12/24/2020	
20-11-03838-016	168.2-16	11/19/2020	HOME EC CLOCKWISE OF LAST SAMPLE	38.8	12/24/2020	
20-11-03838-017	168.2-18B	11/19/2020	BOTTLE FILL 500 WING	<1.00	12/24/2020	
20-11-03838-018	168.2-21B	11/19/2020	BOTTLE FILL NEAR MAIN OFFICE	<1.00	12/24/2020	

Method: SM 3113B-2010
 Analyst: Jennalee Hertzler
 Accreditation #: NY 11714

Reviewed By Authorized Signatory: *Melissa Kanode*

Missy Kanode
 QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

LEGEND ug/L= micrograms per liter ppb = parts per billion

1.5 Laboratory Certifications

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2021
Issued April 01, 2020

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. JULIE DICKERSON
ENVIRONMENTAL HAZARDS SERVICES, LLC
7469 WHITEPINE ROAD
N. CHESTERFIELD, VA 23237

NY Lab Id No: 11714

is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Metals I

Copper, Total	SM 19, 21-23 3113B (-04,-10)
Lead, Total	SM 19, 21-23 3113B (-04,-10)



Serial No.: 61514

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



1.6 Chains of Custody



Chain of Custody Document

3860 California Road, Orchard Park, New York 14127
 PHONE (716) 312-0070 FAX (716) 312-8092
 WWW.STOHLENVIRONMENTAL.COM

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-168.2

Client: Lewiston-Porter CSD

Contact: Paul Feathers

Building: Lewiston Porter Middle School

Location: 4061 Creek Rd. Youngstown, NY 14174

LEAD

Water by SM 19, 21 - 23 3113B (-04, -10) X

Turnaround
20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
168.2-1	Kitchen Double Sink Near Door	Sink	1:05			
168.2-2	Kitchen Double Sink Far	Sink	1:06			
168.2-3	Kitchen Dishwash Sprayer	Sink	1:07			
168.2-4	Kitchen Handwash	Sink	1:08			
168.2-5	Kitchen Ice Machine	IM	1:09			
168.2-6B	Cafe Bottle Fill	DFB	1:10			
168.2-7	Home Ec Left of Door 400 Wing	Sink	1:11			
168.2-8	Home Ec Clockwise of Last Sample 400	Sink	1:12			
168.2-9	Home Ec Clockwise of Last Sample 400	Sink	1:13			
168.2-10	Home Ec Right of Door 400	Sink	1:14			
168.2-11B	Bottle Fill 400 Wing Near 406	DFB	1:15			
168.2-12	Home Ec Left of Door 500 Wing	Sink	1:16			
168.2-13	Home Ec Clockwise of Last Sample	Sink	1:17			
168.2-14	Home Ec Clockwise of Last Sample	Sink	1:18			
168.2-15	Home Ec Clockwise of Last Sample	Sink	1:19			
168.2-16	Home Ec Clockwise of Last Sample	Sink	1:20			
168.2-18B	Bottle Fill 500 Wing	DFB	1:21			
168.2-21B	Bottle Fill Near Main Office	DFB	1:22			

20-11-03838



Due Date:
12/28/2020
 (Monday)
 AE

SE

Notes:

Please e-mail lab results to labs@stohlenv.com If checked, also e-mail results to: Ehenderson@StohlEnv.com

Sampled By: Paul Nichols Print Name Paul Nichols Stohl Env: Paul Nichols Date: 11/19/2020

Relinquished By: Eric Henderson Jr. Print Name Eric Henderson Jr. Stohl Env: Eric Henderson Jr. Date: 11/24/2020

Received (Name / Lab): J. Thomas Date: 11/27/20 Time: 1p

Sample Login (Name / Lab): A. Jones Date: 11/27/20 Time: 3:30 pm

Analysis (Name / Lab): J. Hertzler Date: 12/24/20 Time: 10:15 am

QA/QC Review (Name / Lab): M. Smith Date: 12/28/20 Time: 9 am

Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____

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Stohl

ENVIRONMENTAL

3860 California Road, Orchard Park, New York 14127

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